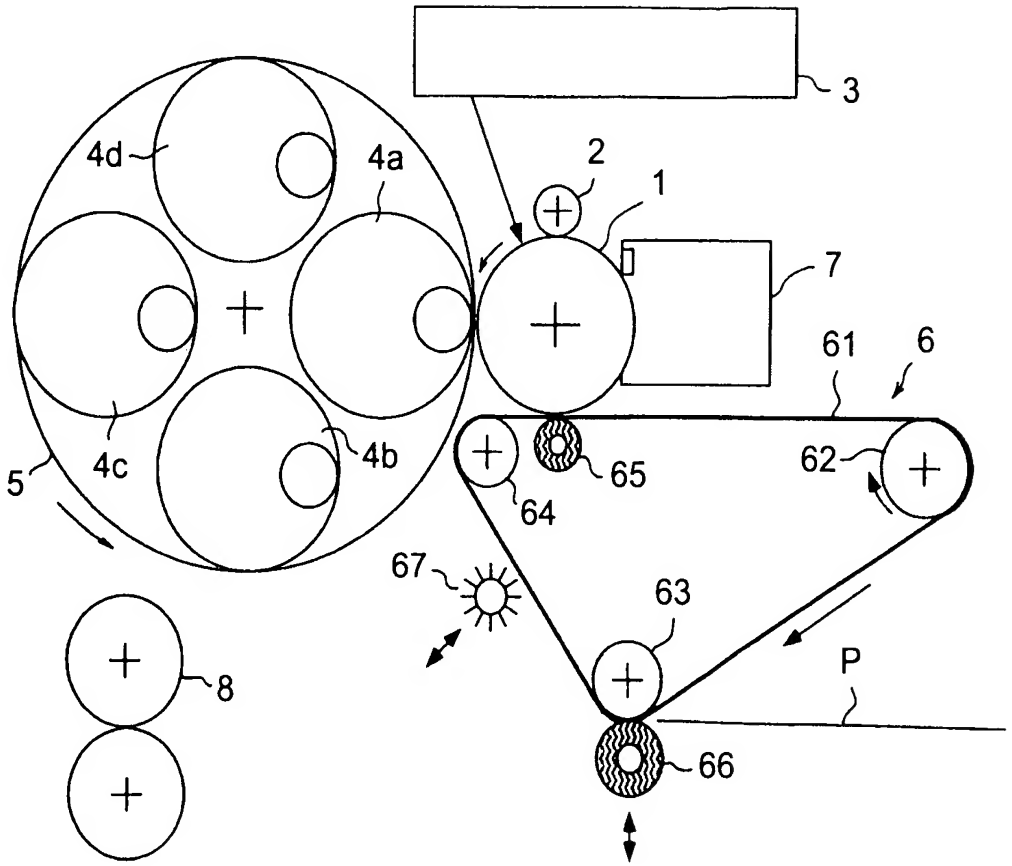


FIG. 1

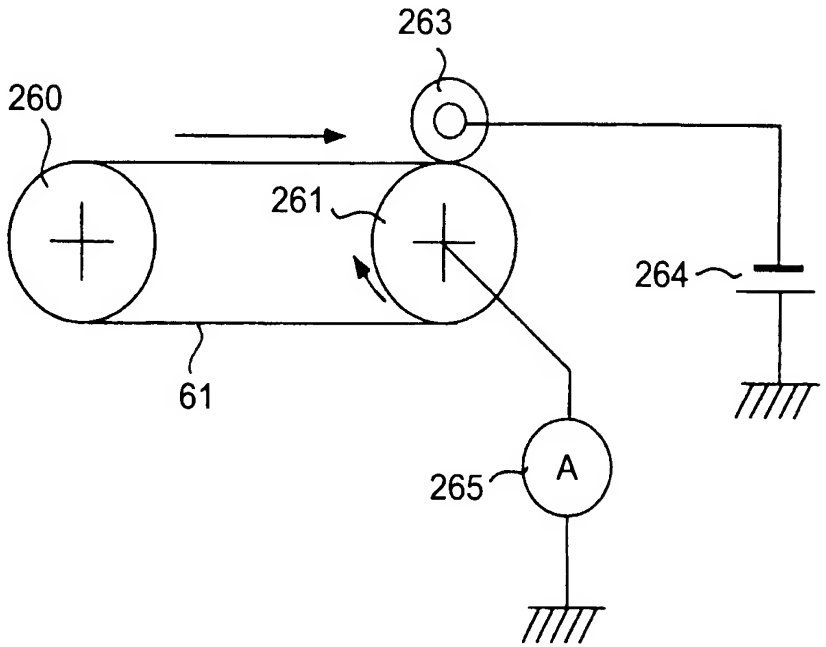


FIG.2

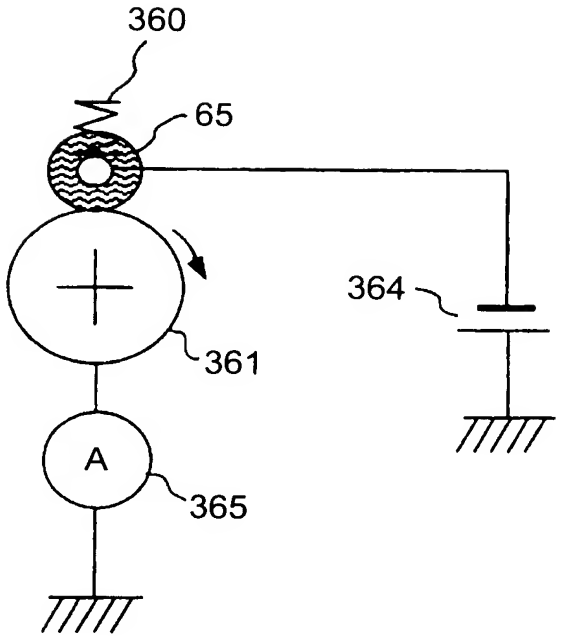
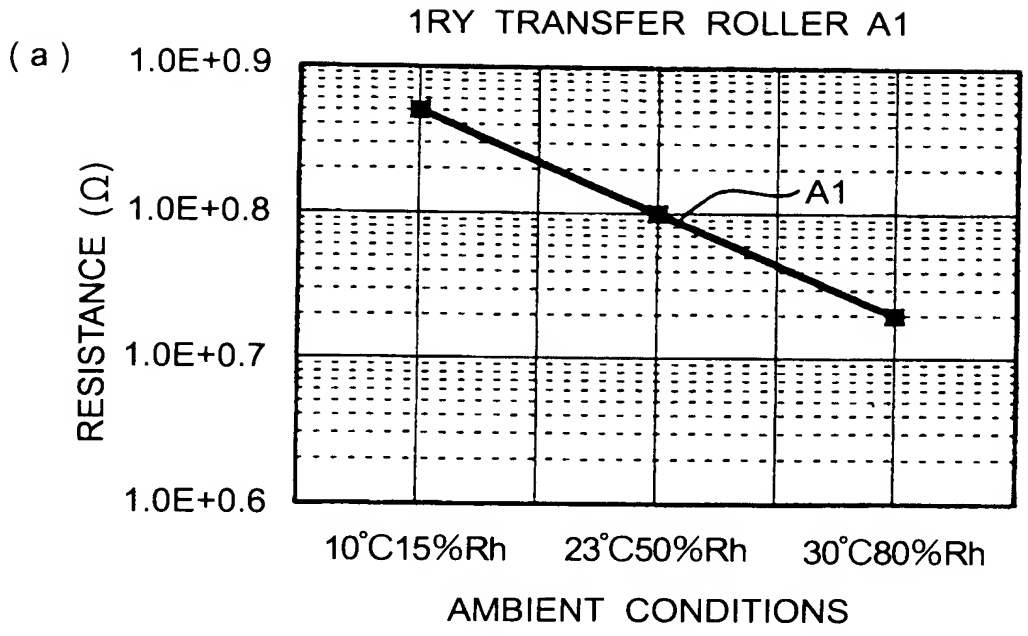


FIG.3

		RESISTANCE OF INTERMEDIARY TRANSFER BELT Rb (Ω)								
		1×10^{6}	2×10^{6}	1×10^{7}	2×10^{7}	1×10^{8}	2×10^{8}	1×10^{9}	2×10^{9}	2×10^{10}
RESISTANCE OF 1RY TRANSFER ROLLER Rt (Ω)	1×10^{6}	△	×	×	×	×	×	×	××	××
	2×10^{6}	○	△	×	×	×	×	×	××	××
	1×10^{7}	○	○	△	×	×	×	×	××	××
	2×10^{7}	○	○	○	△	×	×	×	××	××
	1×10^{8}	○	○	○	○	△	×	×	××	××
	2×10^{8}	○	○	○	○	○	△	×	××	××
	1×10^{9}	○	○	○	○	○	○	△	××	××
	2×10^{9}	○	○	○	○	○	○	○	××	××
	1×10^{10}	–	–	–	–	–	–	–	××–	××–
	2×10^{10}	–	–	–	–	–	–	–	××–	××–

FIG.4


(a)
1RY TRANSFER ROLLER A1
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
A1
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

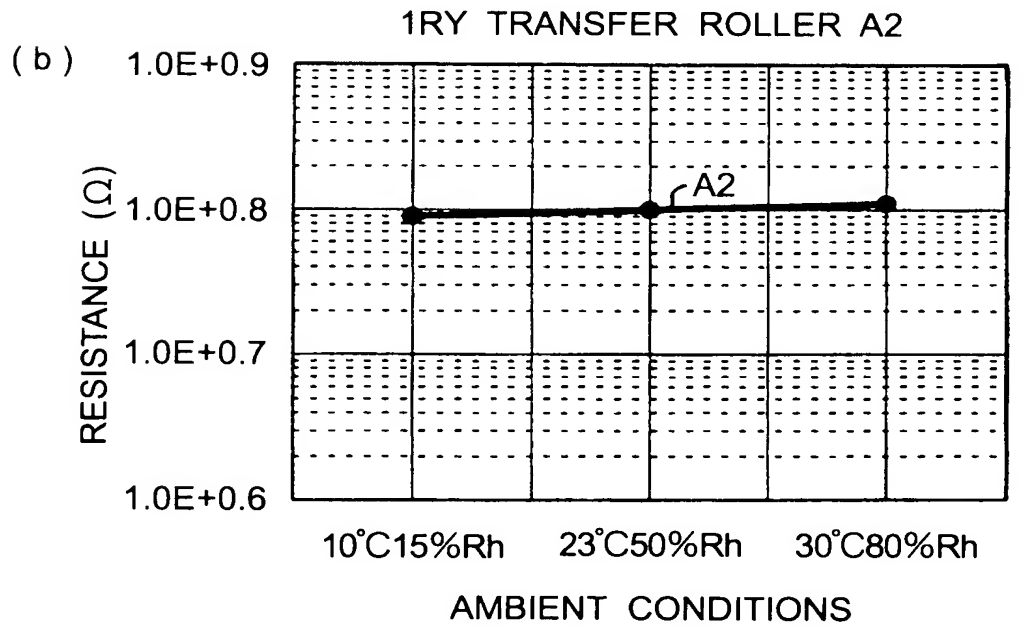
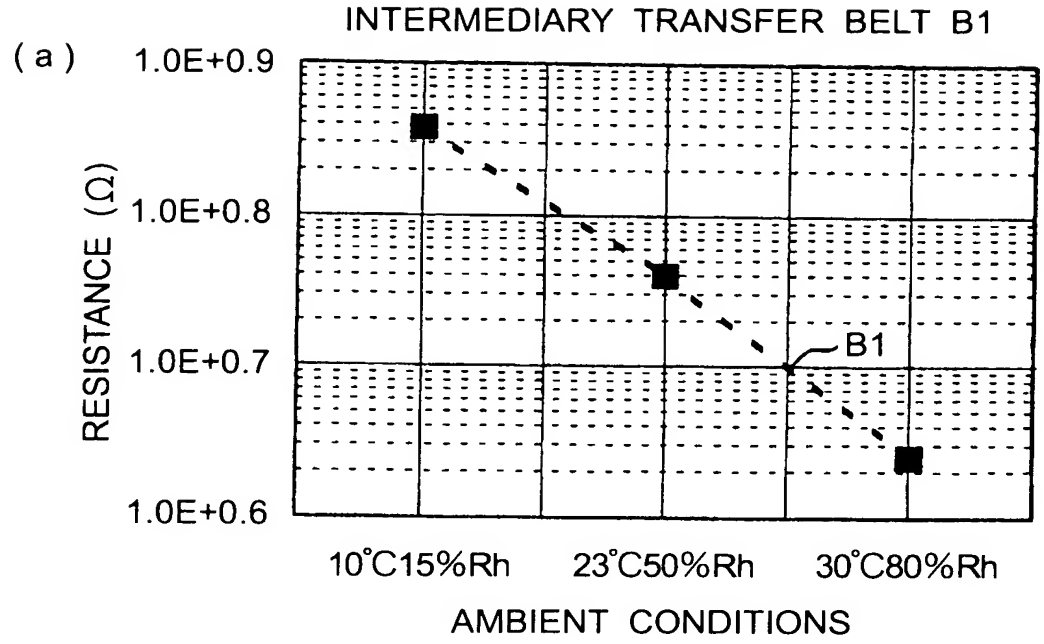

(b)
1RY TRANSFER ROLLER A2
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
A2
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

FIG.5


(a)
INTERMEDIARY TRANSFER BELT B1
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
B1
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

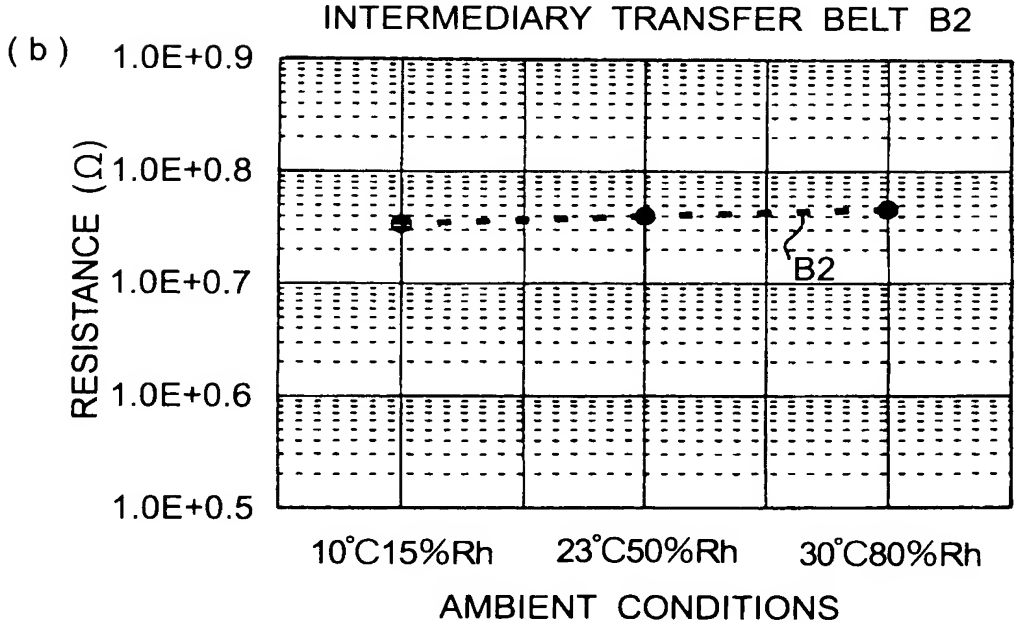
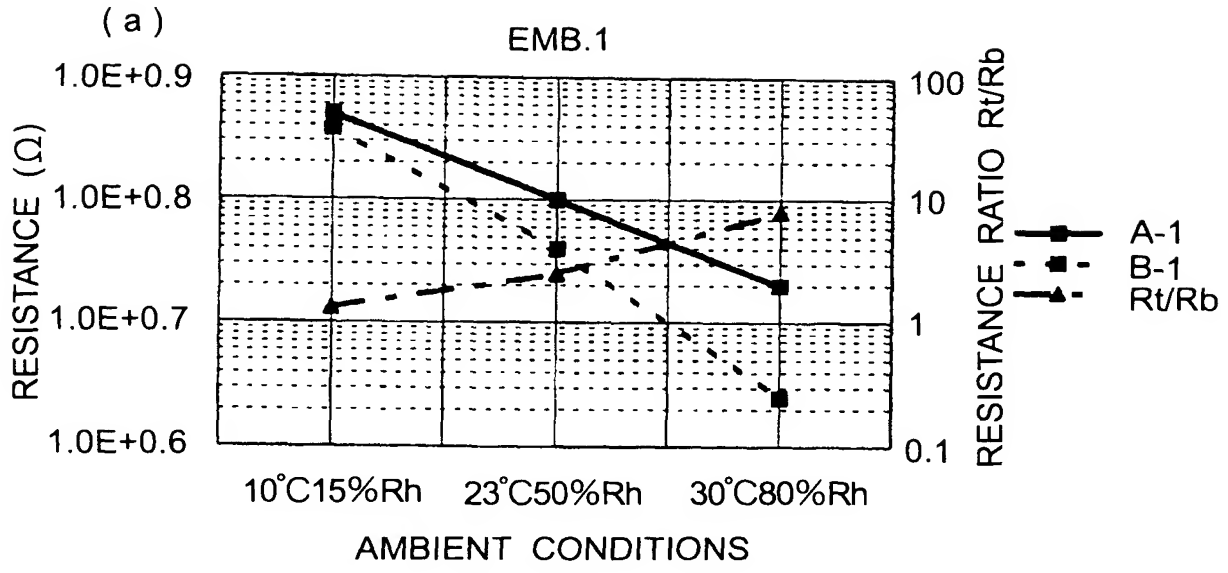

(b)
INTERMEDIARY TRANSFER BELT B2
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
1.0E+0.5
RESISTANCE (Ω)
B2
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

FIG.6


(a)
EMB.1
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
100
10
1
0.1
RESISTANCE RATIO Rt/Rb
A-1
B-1
Rt/Rb
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

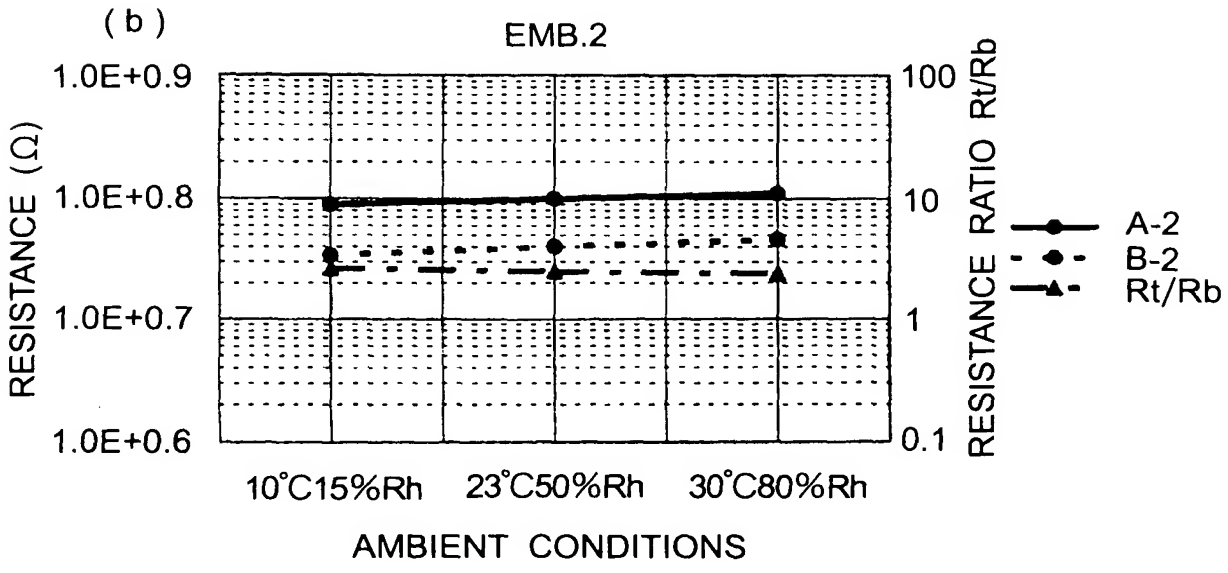

(b)
EMB.2
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
100
10
1
0.1
RESISTANCE RATIO Rt/Rb
A-2
B-2
Rt/Rb
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

FIG.7

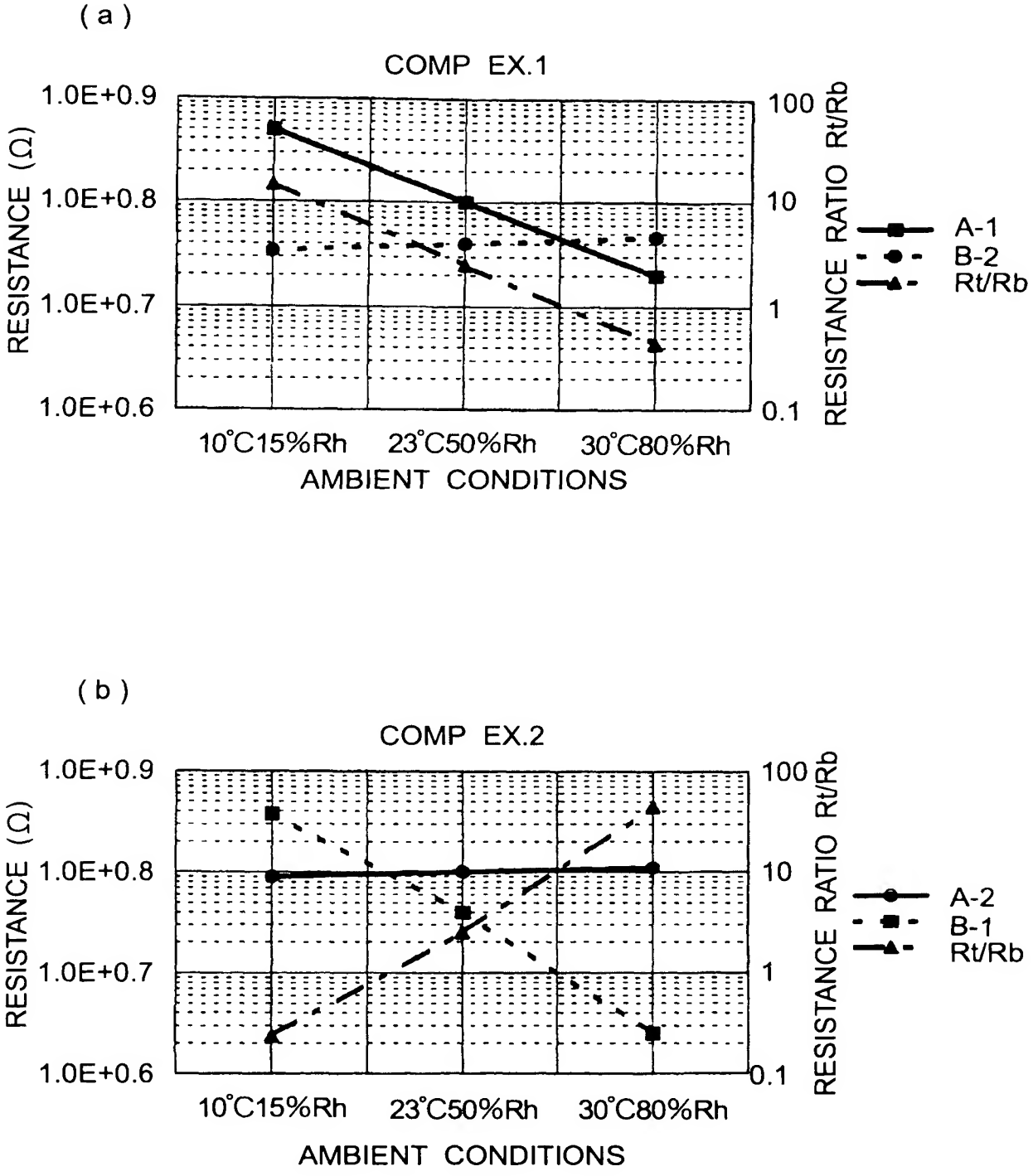

(a)
COMP EX.1
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
100
10
1
0.1
RESISTANCE RATIO Rt/Rb
A-1
B-2
Rt/Rb
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS
(b)
COMP EX.2
1.0E+0.9
1.0E+0.8
1.0E+0.7
1.0E+0.6
RESISTANCE (Ω)
100
10
1
0.1
RESISTANCE RATIO Rt/Rb
A-2
B-1
Rt/Rb
10°C15%Rh
23°C50%Rh
30°C80%Rh
AMBIENT CONDITIONS

FIG 8

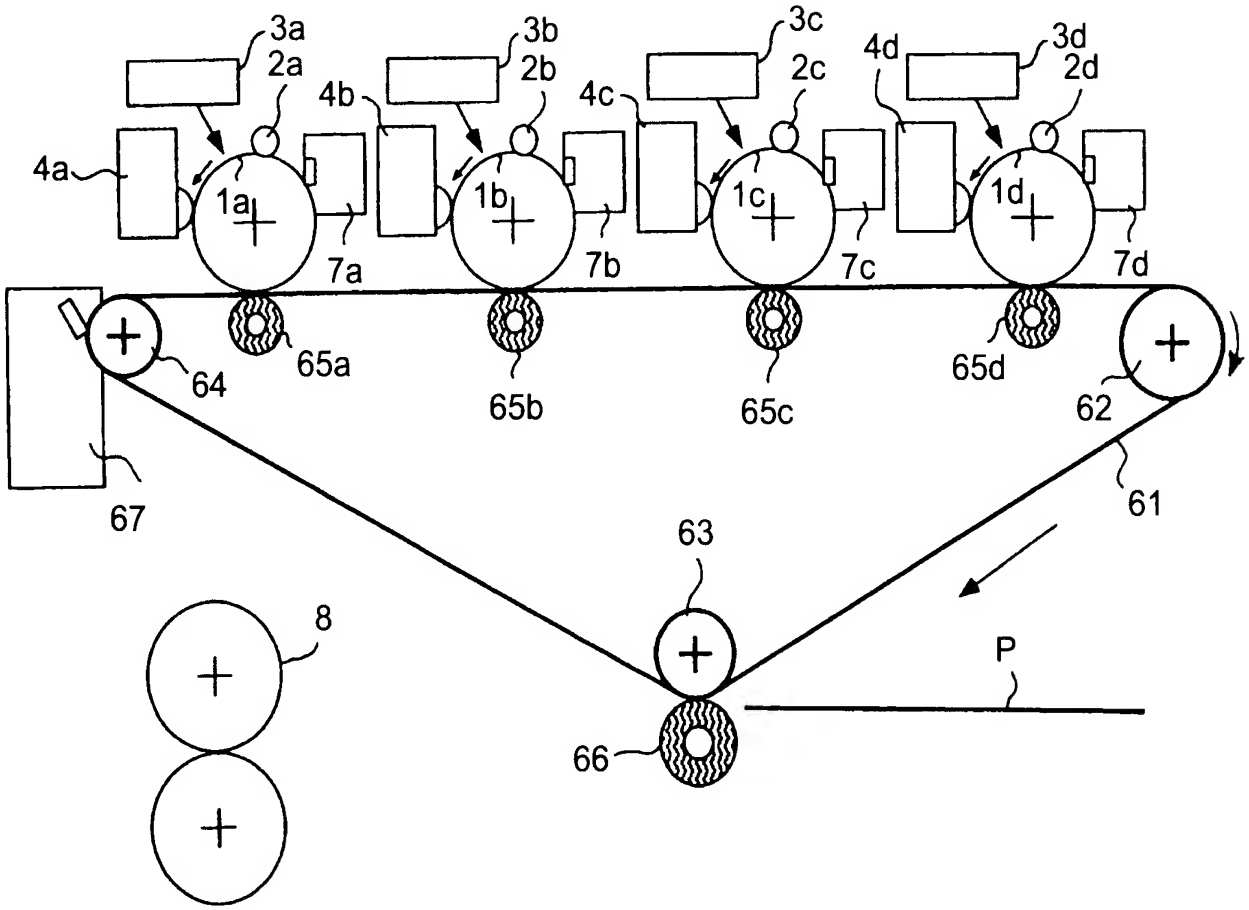

3a
2a
3b
2b
3c
2c
4d
3d
2d
4b
4c
4a
1a
1b
1c
1d
7a
7b
7c
7d
65a
65b
65c
65d
64
62
67
61
63
8
P
66

FIG.9

RESISTANCE OF 1RY TRANSFER ROLLER Rt (Ω)	RESISTANCE OF INTERMEDIARY TRANSFER BELT Rb (Ω)									
		1×10^{6}	2×10^{6}	1×10^{7}	2×10^{7}	1×10^{8}	2×10^{8}	1×10^{9}	2×10^{9}	2×10^{10}
	1×10^{6}	☆	×	×	×	×	×	×	××	××
	2×10^{6}	☆	△	×	×	×	×	×	××	××
	1×10^{7}	☆	○	△	×	×	×	×	××	××
	2×10^{7}	☆	○	○	△	×	×	×	××	××
	1×10^{8}	☆	○	○	○	△	×	×	××	××
	2×10^{8}	☆	○	○	○	○	△	×	××	××
	1×10^{9}	☆	○	○	○	○	○	△	××	××
	2×10^{9}	☆	○	○	○	○	○	○	××	××
	1×10^{10}	☆	–	–	–	–	–	–	××–	××–
	2×10^{10}	☆	–	–	–	–	–	–	××–	××–

FIG. 10

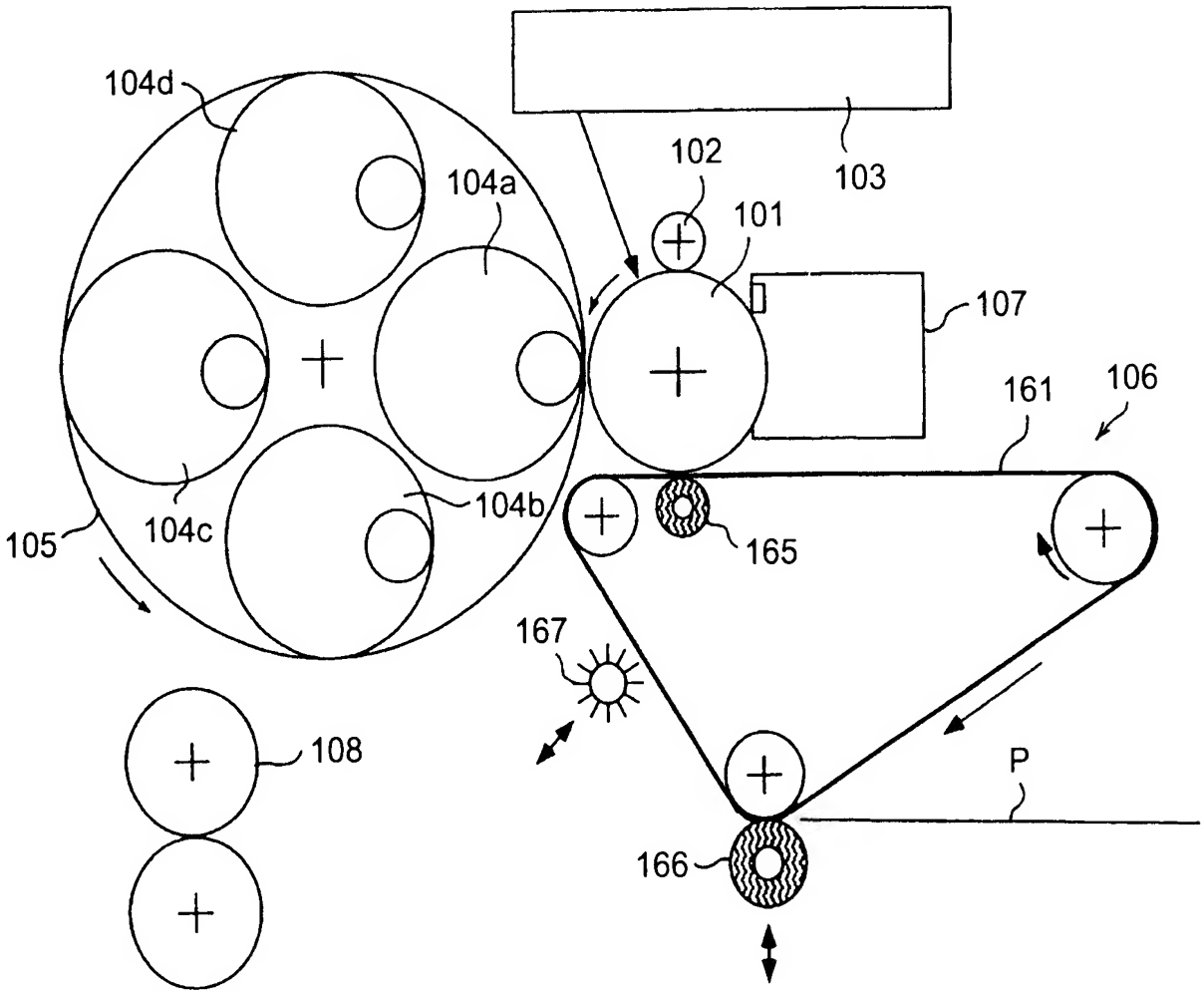

104d
104a
102
103
101
107
161
106
104c
104b
105
165
167
108
P
166

FIG. 11